

Used a CDC website calculator

<https://www.cdc.gov/niosh/docs/2004-101/calc.html>

Molecular Weight of Phosphine = 33.99758 g/mol

$$13 \text{ ug/m}^3 = 0.013 \text{ mg/m}^3 = 0.00935 \text{ ppm}$$

OSHA Method 1003 detection limit

$$23 \text{ ug/m}^3 = 0.023 \text{ mg/m}^3 = 0.01654 \text{ ppm}$$

Detection limit the lab was able to achieve

$$< 23\text{-}33 \text{ ug/m}^3 = 0.023\text{-}0.033 \text{ mg/m}^3 = 0.01654\text{-}0.02373 \text{ ppm}$$

Range of results from the home

$$0.31 \text{ ug/m}^3 = 0.00031 \text{ mg/m}^3 = 0.00022 \text{ ppm}$$

Residential screening level